

α -N-acetylneuraminyl-2,3- β -galactosyl-1,3-N-acetylgalactosaminide 6- α -sialyltransferase

Cat. No. EXWM-2711

Lot. No. (See product label)

Introduction

Description

Attaches N-acetylneuraminic acid in α -2,6-linkage to N-acetyl-galactosamine only when present in the structure of α -N-acetyl-neuraminyl-(2 $\rightarrow$ 3)- β -galactosyl-(1 $\rightarrow$ 3)-N-acetylgalactosaminyl-R, where R may be protein or p-nitrophenol. Not identical with EC 2.4.99.3 α -N-acetylgalactosaminide α -2,6-sialyltransferase.

Synonyms

sialyltransferase; cytidine monophosphoacetylneuraminate-(α -N-acetylneuraminyl-2,3- β -galactosyl-1,3)-N-acetylgalactosaminide- α -2,6-sialyltransferase; α -N-acetylneuraminyl-2,3- β -galactosyl-1,3-N-acetyl-galactosaminide α -2,6-sialyltransferase; SIAT7; ST6GALNAC; (α -N-acetylneuraminyl-2,3- β -galactosyl-1,3)-N-acetyl-galactosaminide 6- α -sialyltransferase; CMP-N-acetylneuraminate:(α -N-acetylneuraminyl-2,3- β -D-galactosyl-1,3)-N-acetyl-D-galactosaminide α -2,6-N-acetylneuraminyl-transferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.99.7

CAS No.

129924-24-9

Reaction

CMP-N-acetylneuraminate + N-acetyl- α -neuraminyl-(2 $\rightarrow$ 3)- β -D-galactosyl-(1 $\rightarrow$ 3)-N-acetyl-D-galactosaminyl-R = CMP + N-acetyl- α -neuraminyl-(2 $\rightarrow$ 3)- β -D-galactosyl-(1 $\rightarrow$ 3)-[N-acetyl- α -neuraminyl-(2 $\rightarrow$ 6)]-N-acetyl-D-galactosaminyl-R

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.